

Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 081356/0154	SERIAL NO. 09/100993 Unassigned
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT Kazuo KOBAYASHI et al	
		FILING DATE November 22, 2000	GROUP ART UNIT 1652 Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
DS	A1	1-309685	12/14/89	Japan	—	—		Abstr.
DS	A2	7-59587	3/7/95	Japan	—	—		Abstr.

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	A3	Anthony L. Tarentino et al., "Purification and Properties of and Endo- β -N-acetylglucosaminidase from <i>Streptomyces griseus</i> .", <i>The Journal of Biological Chemistry</i> , vol. 249, No. 3, pp. 811-817, 1974
DS	A4	Kaoru Takegawa et al., "Complete amino acid sequence of endo- β -N-acetylglucosaminidase from <i>Flavobacterium sp.</i> ", <i>European Journal of Biochemistry</i> , vol. 202, pp. 175-180, 1991
DS	A5	Kaoru Takegawa et al., "Induction and Purification of Endo- β -N-acetylglucosaminidase from <i>Arthrobacter protophormiae</i> Grown in Ovalbumin.", <i>Applied and environmental Microbiology</i> , pp. 3107-3112, 1989
DS	A6	Setsu Kadowaki et al., "Purification and Characterization of a Novel Fungal Endo- β -N-acetylglucosaminidase Acting on Complex Oligosaccharides of Glycoproteins.", (Reprint) <i>Agricultural and Biological Chemistry</i> , vol. 54, No. 1, pp. 97-106, 1990
—	A7	Sambrook J., Fritsch F. E., Maniatis T. et al., "Molecular Cloning: A Laboratory Manual, Second Edition." 1989, cold Spring Harbor Laboratory Press.
DS	A8	Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure, Acession No. FERM-BP-6335

EXAMINER



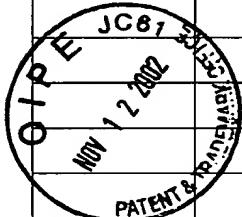
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INFORMATION DISCLOSURE CITATION		APPLICANT Kazuo KOBAYASHI et al	
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U.S. PATENT DOCUMENTS



FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
DJS		A2 0 769 550	4/23/97	Europe	C12N	9/78		
DJS		A1 0 905 232	3/31/99	Europe	C12 N	9/10		
DJS		11-89574	4/6/99	Japan	C12N	16/09	Abstract	

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

DJS		KATSUJI et al.; "Transglycosylation 1-9 of intact sialo complex-type oligosaccharides to the N-acetylglucosamine moieties of glycopeptides by <i>Mucor hiemalis</i> endo- β -N-acetylglucosaminidase."
		CARBOHYDRATE RESEARCH, vol. 292, 1996 pp. 61-70.
DJS		OSHIDA et al. "A <i>Staphylococcus aureus</i> autolysin that has an N-acetyl muramoyl-L-alanine amidase domain and an endo- β -N-acetylglucosaminidase domain: Cloning, sequence analysis, and characterization".
DJS		PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. Washington, US, vol. 92, 1995, pp. 285-289.
DJS		YAMAMOTO et al. "Transglycosylation Activity of <i>Mucor hiemalis</i> Endo- β -N-Acetyl-glucosaminidase Which Transfers Complex Oligosaccharides to the N-Acetylglucosamine Moieties of Peptides".
		BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol. 203, no. 1, 1994, pp. 244-252.
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